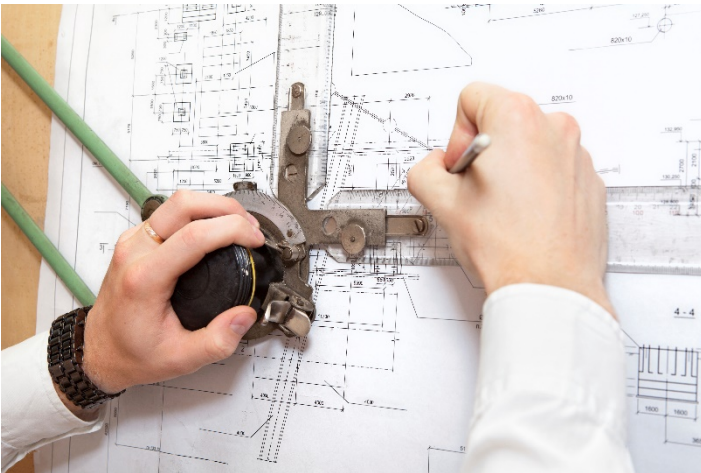

DRAFTING

ABOUT THIS AREA OF STUDY

This degree prepares students for entry-level employment and/or potential further study in the field of Drafting Technology through the study of drafting technology, architecture, computers, and graphic design. Students will acquire skills, knowledge, and abilities in CAD, visual communication, computer concepts, graphic design, and construction technology.



WHAT YOU WILL LEARN

Computer assisted and practice drafting/design • Tactile 2D & 3D visual communication drawings • Computer operating systems and the World Wide Web • Graphic design projects • Construction technology

WHERE DO YOU SEE YOURSELF?

Manufacturing • Industrial Mechanical Drafting • Mechanical Drafting • Aeronautical Drafting • Commercial Drafting • Residential Drafting

**BECOME A
COS GIANT!**

PROGRAM CONTACT:

Rolando Gonzalez
(559) 688-3120
rolandog@cos.edu



Apply at www.cos.edu/admissions today!

DEGREES & CERTIFICATES OFFERED

Associate of Science in Drafting Technology –
Not for Transfer (AS)-60 units

Certificate of Achievement in Dassault
Systemes SolidWorks - 12 units

Certificate of Achievement in Mechanical - 18 units

Certificate of Achievement in Autodesk AutoCAD
for Drafting-12 units

Skill Certificate Autodesk Maya-8 units

Skill Certificate in Tactile Mechanical Drafting -
6 units

Skill Certificate in Autodesk AutoCAD for
Architecture-10 units

SOME CLASSES YOU MIGHT TAKE

DRFT 112 Mechanical Drafting 1

This is an introductory course in the fundamentals of mechanical drawing and modern drafting practice. It is a “tactile” (by hand) drafting course. This course is a basis for all drafting-related majors and is recommended for students who have had no high school drafting, but plan to enter any one of various design professions.

DRFT 113 Mechanical Drafting 2

This is an intermediate course in the fundamentals of technical drafting and practical applications. Emphasis will be placed on lettering, orthographic projection, auxiliary views, dimensioning, and the interrelationship of each manufacturing design. Formerly DRFT 100.

DRFT 114 Introduction to CAD 4

This is an introductory course that explores the basic concepts and applications of

computer assisted drafting. Students will use the computer to solve a series of drafting problems related to various design professions.

DRFT 115 Advanced CAD

This is an advanced computer assisted drafting course that explores parametric solid modeling. Techniques include sketching, editing, modifying, adding relations and dimensions, base feature options, creating geometries, modeling tools, and editing features.

DRFT 016 CAD Applications

This is an advanced computer assisted drafting course that explores parametric solid modeling. Techniques include modeling tools, assembly modeling, and working with drawing views.

REQUIREMENTS

Please see our online catalog for specific requirements in this area: www.cos.edu/catalog